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ABSTRACT

COMPOUNDS FOR THE TREATMENT OF DRYNESS OF THE OCULAR
SURFACE CAUSED BY PHOTOREFRACTIVE SURGERY

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The blocking agents of the electrical activity of the
damaged nerve endings of the neuroma can be used for
the treatment of dryness of the ocular surface caused
by photorefractive surgery, such as excimer laser
10 photorefractive keratectomy or laser-assisted in situ
keratomileusis. The administration of said blocking
agents, which include antiepileptics, anticonvulsants,
anti-arrhythmic drugs, tricyclic antidepressants and
local anaesthetics and, in particular, include
15 lidocaine, tocainide, phenytoin, carbamazepine,
lamotrigine, mexiletine and pregabalin, effectively
reduce the sensations of ocular dryness.